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and testing

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but not installation (

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đ	•	There	thus	would	remain	about !		which	could	be
used !	tows	irds p	wrchi	se of	additions	il equi	pments.			

7. Whereas it probably would be desirab		
Services whether they would or could contribute		
clear that the rationals for the Agency bearing th		
the community is not unlike other projects under		
field. There are no new read-out equipment cos		
after prototype would be on the order of	with !	installation
per airplane.		25X1

25X1	8.	There is clearly a need for the use of this equipment in the	
			t
manu	factur	ing and R&D in the area. There is also a use on	
1	<u>-</u>	An assessment has not yet been but will be made	
as to	the a	from which it would be possible to collect signals against and R&D in the area. There is also a use on An assessment has not yet been but will be made aft in which this equipment might be best put for peripheral	
		operated in what area for the greatest profit.	

- 9. The undersigned is proceeding to discuss with the Army, Navy, and Air Force their willingness to contribute to remaining costs in development of prototype and in possible procurement. It may well be that other elements of the Agency would be able to fund purchase of certain equipment.
- 10. Recommendation: That DPD be authorised to proceed with the development of prototype installation in P2V7 and testing. (Further recommendation from the undersigned on interest of the Services and other Agency components in participating in purchase or funding will be provided.)

ALQ-28

11. The ALQ-28 is a superhetrodyne operator manned receiver covering the 50 to 10,750 mc/s portion of the frequency spectrum in 9 tuning units. It is to be used as a replacement for our present tunable (APR-13 and APR 9) receivers and pulse analyzer and direction finding displays which as a practical matter are not adequate to permit the operator to tune to new and unique signal frequencies. It differs from our present equipment in that it is considerably more sensitive and eliminates the necessity of the operator searching for the exact frequency

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	. However, airborne						
operato	perators are forced into such collection						
86 0000	on equipment such as APR-13s and APR-9s posed to the ease with which they can intercept and "work" known						
signals	. The entire purpose of the ALQ-28 in the P2V7 configuration is						
	come this deficiency and fer the						
with the	ELINT operations. There is no airborne receiver in existence capabilities of the ALQ-28 which is now a fully tested and approve standard AN gear (Navy).						
with the piece of line special not rank used, t	capabilities of the ALQ-28 which is now a fully tested and approve standard AN gear (Navy). 3. While the ALQ-28 can be of great use to ELINT analysis lly in attacking possible new Soviet electronic development, it does in importance with the K-band tunable receiver. If it were to be needed of priority for areas for use would probably be (subject,						
with the piece of line special not rank used, t	capabilities of the ALQ-28 which is now a fully tested and approve standard AN gear (Navy). 3. While the ALQ-28 can be of great use to ELINT analysis lly in attacking possible new Soviet electronic development, it does in importance with the K-band tunable receiver. If it were to be						

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- c. CHICOM. (While unique signals might be uncovered here and if so would be of considerable significance, we do not expect this to be an area nearly as prefitable for search of new and unusual signals.)
- 14. Recommendation: That a decision as to whether ALQ-28s should be installed in P2V7s be postponed pending the undersigned reporting as seen as feasible on the consumer view of the importance in the total ELINT picture of the information collectible by ALQ-28.

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cc:	ESO (cy 3)	25X1	DPD-DD/P	
	ED/OSI		(cy 4)	

Recommendations in paragraphs 10 and 14 APPROVED:

RICHARD M. BISSELL, JR. Deputy Director (Plans)

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Ch SRS/DPD-DD/P:

Cy 1&2-Addressee

5-Actg Ch/DPD-DD/P

6-Ch Ops/Ops Br/DPD-DD/P

7-R&D Br/DPD-DD/P

8-Ch SRS/DPD-DD/P

- 1. Concur with recommendations listed above.
- 2. Ref DD/P 4-4451, para 2, 12 Mar 59, peripheral Elint collection is an Air Force function. I recommend they keep it.

Navy has expressed no interest in P2V7 other than an aircraft with sidelooking radar configuration. With reference to Navy personnel, these are on loan to train USAFE flight line maintenance personnel and will remain until June 1959. In the Far Fast Navy personnel are working, but on the same basis.

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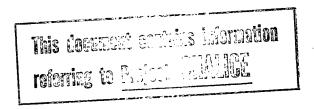
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